

# Operator's manual



**Tipping Shovel  
City Ranger 2200**

# Introduction

## Dear Customer

Congratulations with your Egholm product.

The City Ranger 2200 is a Danish designed and manufactured product, which offers a very flexible way of maintaining outdoor areas.

## Optimal use of your City Ranger 2200 Tipping Shovel

To ensure the optimal performance of your City Ranger 2200 Tipping Shovel, please read this operator's manual carefully before starting to use the machine. Failure to do so can result in personal injury and damage to the machine.

## Safety

The Tipping Shovel is equipped with various devices to ensure optimal operational safety both for the user and the surroundings. We ask you to pay particular attention to section 1.1. Safety. The machine must only be serviced by professionals.

The Tipping Shovel is designed only for use by professionals. On delivery, the user will receive thorough training to become a competent operator.

Do not lend the machine to anyone who has not been thoroughly trained and who has not read this manual carefully.

The operator's manual should be considered a permanent part of the machine and must remain with the machine if sold.

## Warnings

Some items in this operator's manual are marked with this warning symbol.

The warning indicates areas where extra care has to be taken to avoid personal injury or damage to the machine and its accessories. The warning also shows what you should pay special attention to.



## Reservations

As it is the Egholm policy to make continuous improvements, we reserve the right to alter the specifications and equipment at any time without notice. Egholm A/S accepts no liability for errors or omissions in the operator's manual.

## Contact us

Should you have questions of any kind regarding your Egholm product, do not hesitate to contact Egholm A/S.

Best regards

## Egholm A/S

Transportvej 27 · DK-7620 Lemvig

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[www.egholm.eu](http://www.egholm.eu) - [info@egholm.dk](mailto:info@egholm.dk)

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The Tipping Shovel takes care of all the heavy lifting, saving you time and effort. Be it gravel, sand or soil, the Tipping Shovel is perfect for the job – 125 kg loads can be moved quickly to where they are needed – even on the smallest paths.

The hydraulic tipper is a joy to work with, perfect for shifting loads over obstacles like sand boxes and hedges. The load weight can even be

distributed during tipping. The Tipping Shovel can also tidy up as you work – the shovel's scraping edge can be used to level the new layer, so it is even and tidy.

The steel Tipping Shovel is strong and robust and extremely versatile – it can, for example, scrape grass edges along fixed paths.

# General information

**Honest  
Machines**

# General information

## 1.1 Safety



### **Make sure no one is standing close to the machine while it is in use.**

Make sure that no one is near the machine while it is in use as there is a danger of crushing.



### **Attention**

As it is articulated, the rear end of the machine swings out when turning. Make sure that no one is standing near the machine while it is in use. (Picture 1)



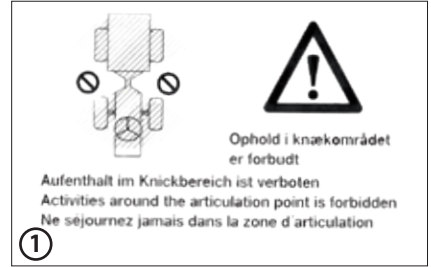
### **Avoid crushing fingers**

Keep hands and fingers well away from the Tipping Shovel when it is being operated as there is a danger of crushing. (Picture 2)



### **Avoid roll-overs**

Do not drive the machine in a place where it can slide, tip or roll. Do not drive on slopes with an incline of more than 10°. (Picture 3)



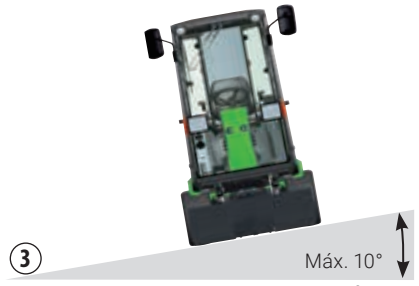
①

Prevent people from standing in the working area



②

Warning label



③

Do not drive on slopes with an incline of more than 10°

# General information

## 1.2 EC Declaration of Conformity

Manufacturer: **Egholm A/S**  
Address: **Transportvej 27 · DK-7620 Lemvig**  
Telephone: **+45 97 81 12 05**

hereby declares that

The machine: **Tipping Shovel**  
Type: **22VS200**

· has been manufactured in conformity with the provisions of the Machinery Directive 2006/42/EU

Any alteration, rebuilding or addition of implements, accessories or other equipment not manufactured by Egholm automatically results in the cancellation of type approval, CE approval, any other approval, as well as any warranty on machine and attachments.

Unless otherwise agreed in writing between the operator, customer and Egholm, Egholm is the data originator (data originator) of all data generated by the machine and attachments during use.

Place: Lemvig  
Date: \_\_\_\_\_  
Signature:   
Knud Olsen, Senior Engineer

## 1.3 Technical data

<b>Dimensions</b>	<b>Assembled</b>	<b>Storage dimensions</b>
Length (L).....	3,045 mm.....	705 mm
Width (W).....	1,045 mm.....	1,045 mm
Height with cab (H) .....		1,960 mm

### **Technical data**

Type description.....	.VS200
Weight on Tipping Shovel.....	.40 kg
Tipping Shovel volume .....	66 l
Lifting capacity.....	.125 kg
Ground clearance below scraping edge, lifted.....	.430 mm

### **Attention**

Specifications may be changed without prior notice.

# Operator's manual

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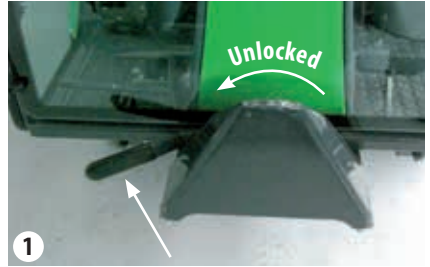


## 2.1 Assembly / Disassembly

1. The locking handle on the A-frame of the basic machine must be in the unlocked position. (Picture 1)
2. Drive the machine right up to the A-frame of the Tipping Shovel, so the A-frames fit into each other.
3. Raise the A-frame by pulling the joystick back until the Lawn Edger is suspended and free of the ground. (Picture 2)
4. Stop the machine.
5. Lock the Tipping Shovel in place with the locking handle on the A-frame. The locking handle can only be engaged when the machine has been stopped. (Picture 3)

### Disassembly

Follow the procedure for fitting in reverse order.



Locking handle



Joystick



Locking the attachment

# Operator's manual

## 2.2 Before start-up

### During transport:

Lock the Tipping Shovel in the raised position using the transport lock. This prevents the attachment from lowering during transport.

### How to use the transport lock

Move the handle to the uppermost position. Lift the A-frame by moving the joystick up. As the A-frame lifts, the transport lock is automatically activated. (Picture 1)

### How to unlock the transport lock

Unhitch the handle and lift the A-frame to the uppermost position. The attachment can now be lowered again. (Picture 2)

## 2.3 Start-up

1. Start the machine.
2. Lower the Tipping Shovel by moving the joystick down. (Picture 3)  
Lift the Tipping Shovel by moving the joystick up.

### Tipping

- Tip the Tipping Shovel up by moving the joystick to the left
- Tip the Tipping Shovel down by moving the joystick to the right



### Warning

Make sure no one is standing close to the machine while it is in use.

### N.B

When turning, the rear of the machine swings out, so there is a risk of crushing or collision.



Transport lock – locked



Transport lock – unlocked



Joystick

# Service and maintenance

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# Service and maintenance

## 3.1 Cleaning

Daily cleaning and maintenance will extend the lifetime of both the machine and the attachment.

After use clean the Tipping Shovel with clean water.

Avoid high pressure cleaning of the snap couplings.

Open the flap over the snap couplings. Rinse the area around the snap couplings with compressed air. The couplings can be dried with a cloth. It is important the couplings are intact before the attachment is fitted. (Picture 1)



1 Clean the couplings with a cloth.

## 3.2 Maintenance

When it is time to store the Tipping Shovel for the winter, the following steps are recommended:

1. Remove any loose paint and repaint any damaged areas.
2. Spray the Tipping Shovel with protective lubricant.

# Conditions

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# Conditions

## 4.1 Warranty

The warranty period for the materials and manufacture of the Tipping Shovel is 12 months from the date of purchase. In case of errors or defects on the machine within the warranty period, Egholm A/S will carry out the necessary repairs without charge for materials and working hours in accordance with the terms and conditions listed below.

### **The scope of the warranty**

1. The Egholm warranty is only valid on presentation of the original receipt supplied with model description, serial number and date of purchase.
2. Regular checks, adjustments, services and technical alterations are not covered by the warranty.
3. All inquiries concerning the warranty are to be addressed to the dealer where the machine was purchased.
4. This warranty does not cover faults and defects which cannot be traced back to defects in material or production errors.
5. This warranty is valid for persons who have legally acquired the machine within the warranty period.
6. In the event of failure to perform and substantiate service in accordance with the applicable instructions, Egholm reserves the right to reject any claim made within the warranty period.
7. Egholm A/S reserves the right to make improvements and design-related alterations to the machine without being obliged to modify previously delivered models in relation hereto.

### **The warranty does not cover**

- Wear and tear, accidents, damage to the equipment caused by operating errors, changes to the construction of the machine or use of non-Egholm spare parts or implements.
- Machines with illegible serial numbers.
- Damage caused by force majeure such as lightning, flood, fire, war, civil disturbance, etc. or other causes over which Egholm A/S has no control.

## 4.2 Complaints

All inquiries regarding the machine should be made at the distributor from whom the machine was purchased. This applies to inquiries concerning normal use, service, maintenance and spare parts as well as any complaints.

We wish you many years of safe and satisfied use of your machine.

Best regards  
Egholm A/S

## 4.3 Disposal

When many years from now your Tipping Shovel comes to the end of its working life, it should be disposed of in a responsible manner and conform with the relevant disposal regulations.

1. Used hydraulic oil is to be disposed of at an approved waste disposal facility or site.
2. Remove all plastic and rubber parts and dispose of.
3. After the parts mentioned have been removed, the machine is ready to be handed over to an approved scrap merchant.

# Honest Work.

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